

**TECHNOLOGY MANAGEMENT SYSTEM USING KNOWLEDGE
MANAGEMENT DISCIPLINES, WEB-BASED TECHNOLOGIES, AND WEB
INFRASTRUCTURES**

ABSTRACT OF THE DISCLOSURE

A method and system for managing technologies supports both local and enterprise level requirements. The management system has a controlled lexicon containing technology-specific terminology data, and a web-based collaboration tool. The collaboration tool populates a card catalog based on the technology-specific terminology data and based on collaboration input. The management system further includes a web portal for maintaining a bookshelf of links to entries in the card catalog. The web portal further accesses the bookshelf based on search input and based on technology-specific terminology data. The card catalog and bookshelf are accessed over a networking connection such as the Internet-based World Wide Web. The method of the present invention provides for maintaining a card catalog over a networking connection based on collaboration input from a steward. A bookshelf of links is maintained over the networking connection based on entries of the card catalog. The method further provides for accessing the bookshelf based on search input from a user. The steward and user may be remotely located and may even be employees of different organizations. The technical infrastructure supporting the technology management system is developed in a spiral approach that includes opportunities for learning by members of the core participants.